

PAARA

Graphs

JUNE 1988



PAARA
FIELD DAY
1988
PREVIEW

THE OFFICIAL NEWSLETTER
OF THE PALO ALTO AMATEUR
RADIO ASSOCIATION
AND

THE MENLO PARK C.D. AMATEUR RADIO CLUB

PAARA



1988 CLUB OFFICERS

President	Gerald Tucker	WA6LNV	326-4988
Vice-President	Andy Korsak	VE3FZK	366-5228
Secretary	Bill King	N6CHI	595-8258
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ARES Officer	Steve Stuntz	K6FS	322-4952
Club Historian			

BOARD of DIRECTORS

Craig Smith	N6ITW	1987-88	326-8637
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Steve Stuntz	K6FS	1988-89	322-4952
Chuck Johnson	nc	1988-89	408-258-4857

PAARAgaphs Staff

Editor	Chuck Johnson	nc	408-258-4857
Advertising	Swede Swenson	N6CHL	368-8503
Mailing	Bill McElhinney	KA6LZI	325-9888

PAARA POLICIES

Membership in PAARA is \$6.00 per calendar year which includes a subscription to PAARAgaphs. Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026

Club Net 147.45 MHz Mondays 8:30 PM

Meet on the first Friday of each Month at the Menlo Park Recreation Center at 7:30 PM,

Send PAARAGRAPHS correspondence to:

Chuck Johnson, EDITOR
3389 Mt. Logan Drive
San Jose, CA 95127

BULLETIN

FROM THE EDITOR'S DESK

This issue finds itself sandwiched between the two great Spring events for PAARA-- the W6VG picnic at Ron & Helga's...and Field Day. Thanks to those who provided items for this issue of Volume 31 (according to info from PAARA Secretary Bill King N6CHI) of the club journal. All who can are urged to assist in Field Day, as this is where all efforts are worthwhile in a Nationwide event. See you there for the 24-plus hour marathon on June 25-26! In future Your Editor will see action in the operator's seat, as well as from the editor's desk. Have a fine June & See you in July! -73 de Your Editor.

QST TO W6VG ES XYL: PICNIC WAS FINE BUSINESS,
TNX FOR THE HOSPITALITY AND GOOD WORDS! -ED.

SPEAKER OF THE MONTH

GARY NAKAYAMA KH6JRB

TOPIC: AMATEUR SATELLITES

Don't miss this informative talk on
FRIDAY JUNE 3!!!

DINNER WITH THE SPEAKER: At Su Hong's
Restaurant, on El Camino off Ravenswood
Menlo Park, 5:45 PM on Meeting Friday
June 3rd... -Info de ANDY VE3FZK, PAARA
PROGRAM CHAIRMAN.

P R E S I D E N T ' S C O U R N E E R

If it's June, we must be at Field Day. Certainly if there is any single thing that unites hams in a feeling of comraderie it must be Field Day. Such a uniting eases the sacrifice of staying up all night (which is no mean trick for the older half of the fraternity), and excuses the cacophonic abuse of the airwaves which mercifully lasts only 24 hours. No intelligent information is exchanged during this period, but we emerge somehow confident that we have done the right thing by making an effort. Last year we (W6OTX) finished in the upper third of class 3A, although considerably behind our arch rivals FARS/EMARC (K6YA). We had 29 participants and are looking for at least as good a showing this year.

This year's Field Day Captains are:

PHONE: GERRY TUCKER WA6LNV

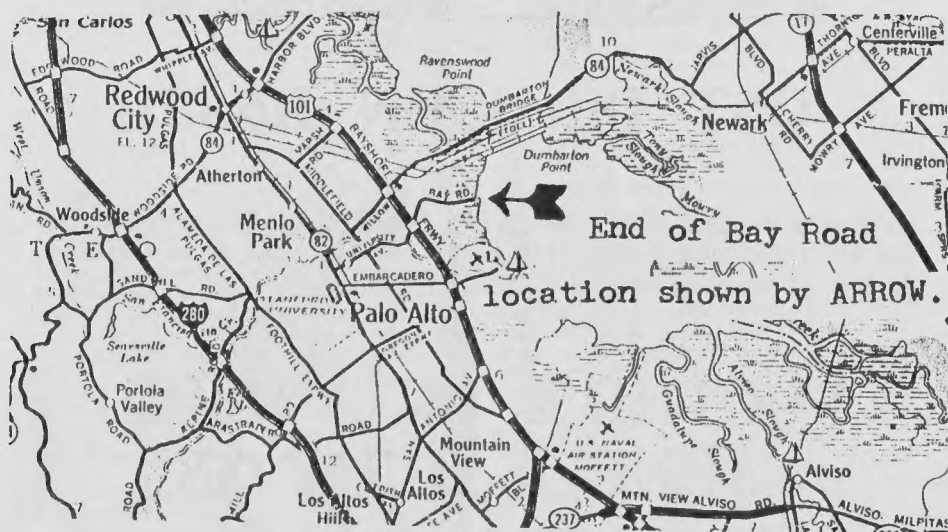
PHONE: JOHN GOMPERTS WB7TEM

CW: BILL ZANER WB6IYS

We will begin site setup at 11 AM Friday, June 24. There will be a sign-up sheet for Friday support at the June meeting. We always need lots of bodies so please plan on showing up. The Operating Captains will coordinate their own operator staffs and operating equipment. Contact them to coordinate the time you would prefer to operate. Lots of individual support means lots of fun for everyone. We will have some sort of dinner Saturday, and hope to see you there.

de WA6LNV

FIELD DAY SITE MAP



**W6VIG
PAARA
PICNIC**

**MAY 22,
1988**

Door Prize Winners!!!

Max's Opera Cafe at
Stanford, Twenty-Five
Dollar Certificate: KB6LT
XYL... Twenty-Five Dollar
Certificate: K6EHS...

Bug Zapper: WA6LIJ

Potted Flowers: WB6DGT

Callbook: WA6HLE

MFJ Digital Clock: K6YT

2-Meter Antenna: WB6NNL

Packet Book: WB6CNI

Antenna Book: VE3FZK



TOTAL ATTENDEES AT PICNIC: 38 PEOPLE!

de WA6LNV

PAARA BRIEFS

QST DE JOHN K6JJU

K6JJU John has been working WB6JFH DAVE HARPER in Red Deer, Washington and has a sked every Sunday at 9:30 AM on 14.295. Dave would also like to talk to any other members of PAARA, so join the group.

FOOTHILL DUTY SKED JUNE & JULY '88

JUNE / 4 WEEKENDS / 1-4:30 PM

- 5 JUNE: FRANK CHANDLER WB6QPV (322-7678)
GEORGE CHRISTOFFERSON K6MTZ
- 12 JUNE: KEVIN LAPP WA6FHC (366-2654)
JACK McENNERNEY W6LTI (591-8526)
- 19 JUNE: LESLIE VICKERY W6AKK (368-5175)
BILL McILLINNEY KA6LZI (325-9808)
- 26 JUNE: BILL KING N6CHI (595-0258)
ANDY KORSACK VE3FZK (366-5228)

JULY / 5 WEEKENDS / 1-4:30 PM

- 3 JULY: PAUL THEKAN N6FEG
STEVE STUNTZ K6FS
- 10 JULY: JOE HORNE KB6OWG
ROB WALKER KA6JLT (321-9981)
- 17 JULY: DAN CURRY WB6STW (364-7018)
THEODORE MORAN KB6UDA (325-9861)
- 24 JULY: ANDY ANDERSON K6EHS (494-0831)
DICK FIMGBINER W6AQL (961-6655)
- 31 JULY: JOHN BUONACORE KD6ZL (366-1658)
TOM SCHEFF K6JBR (365-4068)

ATV UPDATE

The N6IIU ATV Receiver offer is still in effect... In fact, the project is going into the second group of 50 orders for the devices priced at \$73 each (a break from the \$129 normal cost)... For further data on these units and the project, or to place your order, contact Ted Harris N6IIU at this address: 38 Big Tree Way, Woodside, CA 94062. Make check to: TED HARRIS-ATV RECEIVER. Ted can be reached on 145.27 (minus). de VE3FZK.

PAARA



1988 CLUB ROSTER

NAME ROSTER PAGE 1

Adachi, Dick
Airries-Morwood, C
Allen, Jim
Allen, Kenneth
Allustiarti, Ray
Anderson, Andy
Bach, Mike
Bartelme, John
Battelle, Bard
Bisio, Bob
Bolton, Arthur Jr.
Buebeck, Robert
Buonocore, John
Callander, George
Canham, Fred
Cary, Charles
Chan, Loren
Chandler, Frank
Christofferson, G
Clark, Ed
Clark, Vernon
Conboy, Terry
Curry, Dan
Curtis, Mark
Daily, Larry
Daniel, Dave
DeLay, David M.
DeLiban, Robert
Dean, Wallace
Dikun, Gerald
Dorrance, Dave
Doster, Landry
Dueker, Ken
Dwelle, Dale
Dwight, Kenneth
Edgerton, M.
Edwards, Gregory W
Fairbanks, Ed
Feiler, Kurt
Ferranti, Rick
Finkbeiner, Dick
Fraher, John
Frye, William
George, Alan R.
Gomperts, John
Gordano, John
Griffith, Bill
Harper, David
Harris, Dave K.
Hastings, Al
Hausafus, Ed
Hillis, Lily Anne
Horne Sr., Joe L.
Hotz, Preston E.
Ice, George E.
Jenkins, Wm. D.
Johnson, Charles
Johnson, Ed
Katz, Nolan
Keely, Clif
Kennedy, Dennis
King, William R.
Korsak, Andy
Krawetz, Howard M
Lapp, Kevin
Lar Rieu, Barry

W6RVS
N6QWQ
KA6ZCU
WB6BCV
W6JOV
K6EHS
WB6FFC
N6FLX
KD6QZ
KB6GWK
NM6K
N6NLK
KD6ZL
WA6SZX
K6YT
N6GEP
WA6ENC
WB6OPV
K6MTZ
W6KJI
WA6OHD
N6RY
WB6STM
KB6DCX
W6KZJ
KB6WP
WA6DCP
W6FGL
KA6JHO
WD6CVM
WA6YSO
K6HPN
KB6BPM
W6STY
WA6NYB
WA6VZZ
nc
W6AIN
KA6KYU
WA6NCX
W6AOL
KA6FRK
nc
nc
WB7TEM
K6JJU
W9DDN
WB6JFH
KB6FVA
KB6LVV
WA6FSO
N6PGM
KB6OWG
K6WD
K6CHT
WB6LML
nc
WB6CFW
KB6LT
KA6JWA
N6HGG
N6CHI
VE3FIK
N6HM
WA6FHC
WA6UIM

415-365-7937

493-0831
592-2710
323-8295
854-6848
415-322-9250
323-7066
856-3340
366-1658
856-1752
940-9238
400-629-1852
322-7670
366-8107

415-354-7018
400-739-3900
415-593-9150
325-3347
415-322-0900
415-322-6910
415-325-2209
368-8156
322-6984
325-5240
856-0727
965-6433
415-726-2669
322-0319
365-2857
961-6655
967-3822
415-326-2610
415-961-7150
368-0483
322-4551
509-276-8351
493-6004
366-5640
325-5404
325-8900
593-0661
400-258-4857
366-7206
364-5462
595-0250
366-5220
739-7936
364-2654
326-2020

Menlo Park
Menlo Park
Redwood City
Palo Alto
Belmont
Palo Alto
Belmont
Menlo Park
Portola Valley
Menlo Park
Menlo Park
Palo Alto
Redwood City
Palo Alto
Los Altos
Auburn
San Jose
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Los Altos
Redwood City
Palo Alto
Mill Creek
San Jose
Sunnyvale
San Carlos
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Woodside
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Redwood City
Redwood City
Atherton
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Palo Alto
Mountain View
Half Moon Bay
Menlo Park
Redwood City
Arlington
Mountain View
Los Altos
Palo Alto
Redwood City
Mountain View
Redwood City
Atherton
Deer Park
Redwood City
Palo Alto
Menlo Park
Menlo Park
East Palo Alto
Menlo Park
San Carlos
La Honda
San Jose
Sunnyvale
Redwood City
Redwood City
Redwood City
San Carlos
Redwood City
Sunnyvale
Redwood City
Menlo Park



NAME ROSTER PAGE 2

Larson, Alan
Lazier, John
Learned, Jim
Lewis, Paul
Liebgold, Dan
Lile, Irene
Lile, Shannon
Littrell, George
Long, Loyd G.
Makler, Harry
Manders, Ken
Martin, Hank
Matson, Walter K.
McCollum, Sid
McDermott, Charles
McElhinney, W.G.
McEnnerney, Jack
Milner, Murray O.
Moran, Theodore
Morton, Bob
Nixon, George
Olson, Les
Panton, Ron
Parrish, Sara E.
Peterson, Bob
Peterson, Ruth
Porter, Wallace
Reinhardt, Gary
Rempel, Chris
Roche, Curtis
Root, I. Eugene
Russell, Al
Ryan, Ralph
Sakols, Dan
Sakov, Joshua
Schellenberg, C.
Scherf, Tom
Schooler, William
Schultheis, Bob
Schumacher, Len
Schutzer, Mark
Shovlin, Jim
Smith, Craig
Smith, Dr R. Lane
Smith, Mathew
Smith, Michael
Starkey, Jerry
Stein, Seymour
Stiebel, Jonathan
Stiebel, Rich
Streib, Fred
Stubbs II, Milton
Stuntz, Steven
Swenson, Lloyd
Talbert, Elmer
Taylor, Robert
Thekan III, Paul
Tiffany, Willard
Towle, Stanley
Troster, John
Tucker, Gerald
Vanderbeek, Herb
Vickery, Leslie
Wagstaffe, Gerard
Walker, Ed
Walker, Rob
Wallace, Robert
Wardlow, Vance
Wheeler, Rob
Winter, Patricia
Wood, Steve
Yelton, Perry
Zalaznik, Lee
Zaner, Bill
Zobel, Jerome

WA6AIP 326-6430
W6HBJ 326-0594
nc 415-366-0771
N7GB 329-1143
KB6TVF 415-323-9238
WB6RAF 851-7473
K6TNY 851-7473
W6ABU
N6XM
KX6C
WB6CNI 366-7389
W6UCE 493-9046
K6ISH
WA6RBC 321-6868
KA6NDX 941-6556
KA6LZI 325-9808
W6L11 591-8526
ZL2LR 415-854-4447
KB6 UDA 325-9861
WA6SDI
G130EN 854-6445
W6CB1
W6VG 854-4814
KB6 UDE 326-4268
KA6KYY
KA6KYZ
K6URO 494-7038
KB6PLW 415-367-7759
KB6LJR 341-7578
K6AL 494-2643
WB6OOD 323-2666
W6TFT 365-4258
WB6NNL 325-2213
KA6NEX 326-1433
WR6B 415-327-2382
WB6WBK
K6JBR 365-4068
ND6P 325-1352
N6RAH 415-952-0300
WA6HLE 591-4385
KA6RMA 366-2950
W6WQX
N6 ITW 326-8637
KX6T
nc 325-2572
nc 325-2572
WA6L1J 964-6584
WA6ROM 967-0362
N6OHQ
W6APZ 494-0122
W6NA 326-7846
N6OOU 323-5079
K6FS 322-4952
N6CHL 368-8503
W6FFC
KA6NAN 857-9138
N6FEG 367-1499
W6GNX 324-4524
WA6Z6I 322-0890
W6ISQ 854-3939
WA6LNV 326-4908
nc 493-6397
W6AKR 368-5175
W6NIR 325-4670
NBRXD
KA6JLT 321-9981
K6DL 851-0249
W6FLE 854-0803
K6SEM 459-2340
N6HIS
N6J1Q
WR6E 326-9481
K160Y
WB6IYS 856-2089
W6ARA 322-0063

Menlo Park
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Portola Valley
Menlo Park
San Rafael
Menlo Park
Palo Alto
Redwood City
Livermore
Palo Alto
Palo Alto

CALL ROSTER PAGE 1

#W6 ARU	Littrell, George	322-8319	Redwood City	94061
#W6 AIN	Fairbanks, Ed	368-5175	Menlo Park	94025
#W6 AKR	Vickery, Leslie	494-2643	Redwood City	94063
#K6 AL	Roche, Curtis	494-0122	Palo Alto	94303
#W6 APZ	Stiebel, Rich	961-6655	Palo Alto	94303
#W6 ADL	Finkbeiner, Dick	322-0063	Mountain View	94043
#W6 ARA	Zobel, Jerome	326-6430	Palo Alto	94303
#W6 AZP	Larson, Alan	329-1143	Menlo Park	94025
NZ6 B	Lewis, Paul	415-327-2382	Menlo Park	94025
WR6 B	Sakov, Joshua	---	Palo Alto	94303
WR6 B	Allen, Kenneth	---	Palo Alto	94025
#N6 BIS	Winter, Patricia	322-6984	Menlo Park	94025
KR6 BFM	Dueker, Ken	---	Atherton	94304
#NB BXD	Walker, Ed	---	Palo Alto	94306
KY6 C	Makler, Harry	---	Palo Alto	94040
#W6 CBI	Olson, Les	---	Mountain View	94087
WB6 CFM	Johnson, Ed	595-0258----	Sunnyvale	94070
#N6 CHI	King, William R.	368-8503	San Carlos	94025
#N6 CHL	Swenson, Lloyd	593-0661	Atherton	94070
#K6 CMT	Ice, George E.	366-7389	San Carlos	94070
WB6 CNJ	Manders, Ken	415-325-2289	San Carlos	94025
WD6 CVM	Dikun, Gerald	415-322-0900	Menlo Park	94062
WA6 DCP	DeLay, David M.	408-739-3988	Woodside	94086
KBB DCX	Curtis, Mark	322-4551	Sunnyvale	94025
#W9 DDN	Griffith, Bill	366-9481	Atherton	94063
WR6 E	Yelton, Perry	494-0831	Redwood City	94303
#K6 EHS	Anderson, Andy	408-629-1852	Palo Alto	95123
WA6 ENC	Chan, Loren	367-1499	San Jose	94061
#N6 FE6	Thekan III, Paul	592-2710	Redwood City	94002
WB6 FFC	Bach, Mike	415-322-6910	Belmont	94025
#W6 FGL	DeLiban, Robert	364-2654	Menlo Park	94061
WA6 FHC	Lapp, Kevin	854-0803	Redwood City	94025
#W6 FLE	Wardlow, Vance	323-6295	Menlo Park	94025
#N6 FLX	Bartelme, John	967-3822	Menlo Park	94022
KA6 FRK	Fraher, John	322-4952	Los Altos	94025
#K6 FS	Stuntz, Steven	366-5640	Menlo Park	94025
WA6 FSQ	Hausafus, Ed	366-5228	Menlo Park	94061
KR6 FVA	Harris, Dave K.	---	Redwood City	94062
VE3 FZK	Korsak, Andy	324-4524	Redwood City	95603
#N6 GEP	Cary, Charles	415-322-9250	Auburn	94025
#W6 GNX	Tiffany, Willard	326-0594	Menlo Park	94025
KR6 GWK	Risio, Bob	591-4385	Menlo Park	94303
#W6 HBJ	Lazier, John	739-7936	Palo Alto	94002
WA6 HLE	Schumacher, Len	854-3939	Belmont	94087
#N6 HM	Krawetz, Howard M.	326-8637	San Carlos	94070
#K6 ISH	Matson, Walter K.	856-2089	Atherton	94025
#W6 JSQ	Troster, John	365-4060	Menlo Park	94025
#N6 ITW	Smith, Craig	509-276-8351	Palo Alto	94303
WB6 IYS	Zaner, Bill	---	Palo Alto	94062
#K6 JBR	Scherf, Tom	321-9981	Redwood City	99006
WB6 JFH	Harper, David	---	Deer Park	94025
KA6 JHO	Dean, Wallace	---	Menlo Park	94303
#N6 JID	Wood, Steve	368-0483----	Palo Alto	94061
#K6 JJU	Gordano, John	321-9981	Redwood City	94025
KA6 JLT	Walker, Rob	---	Menlo Park	94002
#W6 JOV	Allustiarti, Ray	---	Belmont	94062
KA6 JWA	Keely, Cliff	323-7066	Redwood City	94025
NM6 K	Bolton, Arthur Jr.	366-8187	Menlo Park	94062
#W6 KJI	Clark, Ed	365-2857	Redwood City	94061
KA6 KYU	Feiler, Kurt	---	Redwood City	94086
KA6 KYY	Peterson, Bob	---	Sunnyvale	94086
KA6 KYZ	Peterson, Ruth	415-593-5150	Sunnyvale	94070
#W6 KZJ	Daily, Larry	415-854-4447	San Carlos	94025
ZL2 LB	Milner, Murray O.	591-8526	Menlo Park	94070
#W6 LII	McEnnerney, Jack	964-6584	San Carlos	94022
WA6 LIJ	Starkey, Jerry	341-7578	Los Altos	94403
KR6 LJR	Rempel, Chris	---	San Mateo	94020
WB6 LML	Jenkins, Wm. D.	326-4908	La Honda	94301
WA6 LNV	Tucker, Gerald	366-7286	Palo Alto	94061
KR6 LT	Katz, Nolan	493-6084	Redwood City	94303
KR6 LVV	Hastings, Al	325-9808	Palo Alto	94301
KA6 LZI	McElhinney, W.G.	364-5462	Palo Alto	94061
#N6 MGO	Kennedy, Dennis	368-0156	Redwood City	94061
#K6 MPN	Doster, Landry	---	Redwood City	94022
#K6 MTZ	Christofferson, G	326-7846	Los Altos	94303
#W6 NA	Streib, Fred	857-9138	Palo Alto	94306
KA6 NAN	Taylor, Robert	---	Palo Alto	82174
WA6 NCX	Ferranti, Rick	941-8556----	Arlington	94022
KA6 NDH	McDermott, Charles	326-1433	Los Altos	94301
KA6 NEX	Sakols, Dan	325-4670	Palo Alto	94025
#W6 NIR	Wagstaiffe, Gerard	---	Menlo Park	94025



CALL ROSTER PAGE 2

*N6 NLK	Bubeck, Robert	856-3340	Palo Alto	94303
WB6 NNL	Ryan, Ralph	325-2213	Menlo Park	94025
WA6 NYR	Dwight, Kenneth	856-0727	Palo Alto	94303
G13 OEN	Nixon, George	854-6445	Menlo Park	94025
*N6 OHQ	Stiebel, Jonathan	-----	Los Angeles	90024
WA6 OHQ	Clark, Vernon	-----	Palo Alto	94303
*K6 OL	Wallace, Robert	851-0249	Portola Valley	94025
WB6 OOO	Root, L. Eugene	323-2666	Menlo Park	94025
KB6 OWG	Horne Sr., Joe L.		East Palo Alto	94303
K16 OY	Zalaznik, Lee		Livermore	94550
ND6 P	Schooler, William	325-1352	Atherton	94025
*W6 PFC	Talbert, Elmer		Belmont	94002
*N6 PGH	Hillis, Lily Anne	325-5484	Menlo Park	94025
KB6 PLW	Reinhardt, Gary	415-367-7759	Redwood City	94061
*N6 QOU	Stubbs II, Milton	323-5079	Atherton	94025
WB6 QPV	Chandler, Frank	322-7678	Menlo Park	94025
*N6 QWQ	Airries-Norwood, C	415-365-7937	Menlo Park	94025
KD6 QZ	Battelle, Bard	854-6848	Portola Valley	94025
WB6 RAF	Lile, Irene	851-7473	Portola Valley	94025
*N6 RAH	Schultheis, Bob	415-952-0300	Burlingame	94010
WA6 RRC	McCollum, Sid	321-6868	Menlo Park	94025
KA6 RMA	Schutzer, Mark	366-2950	Redwood City	94062
WA6 ROM	Stein, Seymour	967-0362	Mountain View	94040
*W6 RVS	Adachi, Dick	---	Menlo Park	94025
*N6 RY	Conboy, Terry	---	Mill Creek	98012
*K6 SEM	Wheeler, Bob	459-2340	San Rafael	94901
WA6 SOJ	Morton, Bob		Palo Alto	94306
WB6 STW	Curry, Dan	415-364-7018	San Jose	95157
*W6 STY	Dwelle, Dale	325-5240	Menlo Park	94025
WA6 SZX	Callander, George	856-1752	Palo Alto	94303
KX6 T	Smith, Dr R. Lane		Palo Alto	94306
WB7 TEM	Gomperts, John	415-961-7150	Mountain View	94041
*W6 TFI	Russell, Al	365-4258	Redwood City	94062
*K6 TNY	Lile, Shannon	851-7473	Portola Valley	94025
KB6 TVF	Liebgold, Dan	415-323-9238	Menlo Park	94025
*W6 UCE	Martin, Hank	493-9046	Palo Alto	94306
KB6 UDA	Moran, Theodore	325-9861	Menlo Park	94025
KB6 UDE	Parrish, Sara E.	326-4268	Menlo Park	94025
WA6 UIM	Lar Rieu, Barry	326-2020	Menlo Park	94026
*K6 URO	Porter, Wallace	494-7038	Palo Alto	94303
*W6 VG	Panton, Ron	854-4814	Menlo Park	94025
WA6 VZZ	Edgerton, M.	965-6433	Mountain View	94040
WB6 WRK	Schellenberg, C.		Menlo Park	94025
*K6 WD	Holtz, Preston E.	325-8900	Menlo Park	94025
KB6 WP	Daniel, Dave	325-3347	Menlo Park	94025
*W6 WQX	Shovlin, Jim	---	Atherton	94025
*N6 XM	Long, Loyd G.	---	Fremont	94536
WA6 YSO	Dorrance, Dave	---	Redwood City	94061
*K6 YT	Canham, Fred	948-9238	Los Altos	94022
KA6 ZCU	Allen, Jim		Redwood City	94061
WA6 ZGI	Towle, Stanley	322-8890	Menlo Park	94025
KD6 ZL	Buonocore, John	366-1658	Redwood City	94061
nc	George, Alan R.		Redwood City	94061
nc	Johnson, Charles	408-258-4857	San Jose	95127
nc	Vanderbeek, Herb	493-6397	Palo Alto	94306
nc	Learned, Jim	415-366-0771	Redwood City	94061
nc	Frye, William	415-326-2610	Palo Alto	94301
nc	Smith, Michael	325-2572	Atherton	94025
nc	Smith, Mathew	325-2572	Atherton	94025

nc Edwards, Gregory W 415-726-2669 Half Moon Bay 94019

QSTs DE GEORGE K6OG ES FRED K6YT

MARYKNOLL ANTENNA PROJECT

FARS has used the grounds at Maryknoll for Field Day on several occasions in the past and plans to be back there again this year. Maryknoll is situated on a large plot of rolling hills adjacent to highway 280 in Los Altos. The facilities at this location were formerly used as a Seminary and today are being used as a retirement center for members of the order. Their activities are housed in one large distinctive Spanish Mission style building complex. On a knoll, remote from the main building, is an equally distinctive (from a Ham's point of view) 70' freestanding triangular steel tower topped with a triband yagi antenna, adjacent to a hamshack, overlooking the freeway. The tower and antenna were used by Father Thomas Tennissen KH6DBZ/W6 who was active on-the-air and in local clubs. "Father Tom" became ill, was transferred to a hospital out of the area, and died about five years ago. Since then the installation deteriorated. Parts of the antenna blew off and the rotator was damaged. Now, Brother Brian, Administrator at Maryknoll, is KA6FRK, has a Kenwood TS-120, a Technician License (soon to become General) and, since "enhancement", had a need for a good H. F. Antenna.

During past Field Days, several FARS members had expressed an interest in helping to put the antenna back in operating condition. This spring the thought became a deed. A work party, "The Old Foot-hill Amateur Radio Technical Society", was formed. The antenna was removed, refurbished, and reinstalled. The rotator was found to be damaged beyond repair plus the control unit was missing so a new rotator was purchased and installed. In addition, a new two meter J-Pole antenna, donated by American Legion Post #380, was installed on the top of the antenna mast. The work was done in several installments. It might have gone faster but the crew found that if the work extended into the lunch hour, Brother Brian would invite the crew to have lunch in one of Maryknoll's dining rooms. Maryknoll is not an ascetic order, the food was excellent.

The work crew consisted of Fred Canham K6YT who did most of the hard work, all of the work at the top of the tower, coming down only for lunch; Jerry Starkey WA6LIJ was project leader and co-ordinator; Stan Kuhl K6MA provided the needed muscle to lower and raise the antenna (that antenna weighs in at 85 lbs); Mac McDermott KA6NDX anchored the end of the hoist rope so Stan could keep his feet on the ground; Jim Chlupek KB6AVC hung on to Mac; George Raven K6OG figured out neat little installation methods that made Fred's work more difficult; Sy Stein WA6ROM showed up and took charge of the antenna reassembly as soon as he heard about those great lunches; and Brother Brian KA6FRK created order out of chaos during the lowering and raising operations---and provided the lunches. A good time was had by all.

From George Raven K6OG

More:

Father "Tom" was a member of PAARA for many years before his illness. He introduced Brother Brian to amateur radio there in the Maryknoll hamshack.

Brother Brian is an active member of PAARA today, tho he has trouble arranging transportation to our meetings. When you meet him be sure and take the time to talk with him, he is a very interesting person and has had many experiences of interest in many parts of the world.

I found it very gratifying as a member of "Old FARTS" to help in the restoration of this fine ham shack. PAARA members have no need to worry about K6YA using the facility on Field Day because the beam is tuned for the SSB bands only!

K6YT

ABC'S of RTTY #8

A "parity" bit is a bit added to a group of bits so that the number of ones (1) in the group is according to design, even or odd. The ASCII code has also been adopted as the international CCITT #5 code with some variations in symbols and codes. The U. S. ASCII code is shown in table 4.

The ASCII code is arranged so that numbers and letters occur in binary bit order. This is a notable departure from the Baudot code, which was arranged by Murray so that the most frequently used letters are represented by the least number of holes in a paper tape. The ASCII code was designed to optimize computer collation and sorting.

Although ASCII is used extensively for computer communications, there are many different interpretations of how the control of characters in the first two columns are used. This is particularly true in the case of "flow-control" or "handshaking" communications protocols. These are forms of recognition between computers to accept data via the use of pre-established procedures. In some systems DC1/DC3 are used for stop-start symbols. Other systems may use ACK/NAK or separate control wires in an RS232 connection. It is best to consult the manufacturer's manuals to determine specific ASCII requirements for a given computer or terminal.

To date, ASCII has seen limited amateur use, except for exchange of computer programs and in conjunction with packet radio systems. The reason is that there are still many of the older Baudot machines in use which cannot decode ASCII for normal amateur communications. Because ASCII is generally operated at data rates of 110 Baud and higher, the error rate on HF is typically higher than if 45 Baud Baudot is used. As more advanced communications techniques (such as packet radio) are developed, ASCII will become more common on amateur frequencies. There is very little commercial use of ASCII by shortwave RTTY stations, and government stations using h.f. ASCII communications also generally employ encryption. ASCII is growing in popularity for v.h.f.-FM operation, particularly when computer programs are to be exchanged at 300, 1200, or higher Baud rates.

The eight bit of the ASCII code has varying uses, depending upon the configuration of the computer system. It may be set to one of four different conditions: (1) always mark, (2) always space, (3) odd parity, or (4) even parity. All four choices are in use in various systems. Simple systems not using parity usually set this pulse to a mark. Parity is used in some systems to detect if a character has been received in error. When parity check is used, the state of the eight bit is transmitted is determined by counting the number of mark pulses used in the first 7 data bits. The eight bit is then set to make the total number of mark pulses to be either, an even or odd number. For example, if odd parity is to be transmitted and the letter to be sent is "A" (first seven bits = 100 0001), the eight bit is then set to "1" to make a total of 3 mark pulses in all 8 pulses (1100 0001). Similarly, the letter "C" (100 0011) would have the 8th bit set to "0" in an odd parity system (giving 0100 0011 for the full ASCII character).

An even parity system would, of course, have the exact opposite computation of the 8th bit state.-----to be continued-----

de HARRY WIJTMAN AE6M, #8 of 12.

QST DE STEVE K6FS

MENLO PARK SET

Wednesday, April 27th the city of Menlo Park held its semi-annual simulated emergency test. The purpose of these tests is to exercise the city's various departments' readiness to respond in coordinated fashion to various types of natural or manmade disasters, and to utilize the services of volunteer organizations such as Red Cross, Salvation Army and Amateur Radio Emergency Service (ARES).

The April 1988 exercise was designed around a heavy winter storm scenario: continuous heavy rainfall, with ground saturation, flooding of important intersections, and back-up of storm drains due to high tides. San Francisco Creek, the boundary between Menlo Park and Palo Alto, was assumed to be approaching flood-stage due to heavy runoff from the hills. Western approaches to Dumbarton Bridge were being closed by Caltrans due to flooding, and downtown Menlo Park streets were flooded from curb to curb; some stores had sandbagged their entrances along Santa Cruz Avenue.

Declared an emergency by City Manager Mike Bedwell, the scenario called for opening and staffing the Emergency Operations Center, in the basement of the city administration building. Police, Fire and Public Works chiefs, supported by designated emergency personnel, along with supervisors from Library and Recreation Departments, filled the EOC to capacity, receiving simulated status reports from the field and transmitting response orders. Menlo Park ARES was represented by a skeleton crew: Hank, AJ6Q; Ron, W6VG; and Ralph, WB6NNL were mobile in central, eastern and western parts of the city. Net control was Lily, N6PGM; overall coordination between city agencies, KCEA-FM broadcasters and the press (PA Times-Trib and Woodside-Menlo Almanac) was performed by Emergency Coordinator Steve, K6FS. The two-meter FM rig in EOC, K6YQT, licensed to the Menlo Park CD Radio Club (an adjunct to PAARA) was active throughout the SET, receiving simulated reports of flooding and requests for assistance from the mobiles, and transmitting requests for confirmation of informal status reports received by other agencies.

During the 45-minute critique following the 90-minute SET, it was noted that city departments worked in much closer collaboration than in previous tests, largely due to pre-incident planning conferences (which also included ARES representation), and pointed the need for greater familiarity with the Incident Command System. Heads of Police, Fire and Public Works contingents were emphatic in their desire for greater ARES participation in these work-day SET's, noting that out of a total ARES roster of 36 hams, only five were available.

Incidentally, the new 2-meter antenna, installed a few days before the SET, performed as expected, greatly improving coverage to the limits of our service area, which includes Atherton and East Palo Alto. de K6FS

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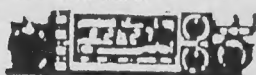


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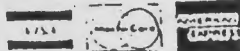


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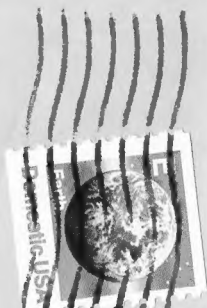
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